NOTICE:

The following information has been provided to AVOX Systems Inc. by the supplier of the material identified on the document. The information contained in the document is, to the best of our knowledge and belief, accurate. However, AVOX Systems Inc. makes no interpretations and bears no liability with regard to the completeness or accuracy of such information. Any questions regarding the following information or the material to which it pertains must be directed to the company or organization identified at the top of, Section I of, the document.

Medical Chemical Corp.
19340 Van Ness Ave.
Torrance, CA 90501
Phone (310)787-6800
FAX (310)787-4464

The following information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.

Section 1 - Shipping Data

Description: An aqueous solution of a quaternary ammonium compound.

DOT Shipping name: Not regulated
Telephone Number for Information: (310)829-4304
DOT Hazard Class: Not regulated
Emergency Telephone Number: (800)424-9300
DOT Identification Number: Not applicable
Prepared By: P.B. *Date:* Oct. 1, 2001

Section II - Hazardous Ingredients/Identity Information

Ingredients	*CAS#*	*OSHA Pel*	*ACGIH TLV*	*%*
BTC 8358	———	———	———	0.13% w/v
sodium carbonate	417-19-8	———	———	0.42% w/v
sodium nitrite	7632-00-0	———	———	0.23% w/v

Section III - Physical/Chemical Characteristics

Boiling Point: 100°C
Specific Gravity: 1.00
Vapor pressure (mm Hg): 18 @ 20° C
Evaporation Rate (water = 1): 1
*Vapor Density (air = 1):*0.6
Solubility In Water: complete
Appearance and Odor: Clear pink solution. Characteristic odor of quaternary ammonium compound.

Section IV - Fire and Explosion Hazard Data

Flash Point (method used): Not applicable
Flammable Limits: Not applicable
Extinguishing Media: Not applicable.
Special Fire Fighting Procedures: Not applicable
Unusual Fire And Explosion Hazards: Pyrolysis will release toxic and corrosive nitrous oxides and ammoniacal compounds.

Section V - Reactivity Data

Stability: The material is stable
Conditions To Avoid: Heat
Incompatibilities: Nothing unusual.
Precautions To Be Taken In Handling And Storage: Store at room temperature.

Section VI - Health Hazard Data

Routes of Entry	Inhalation?	Skin?	Ingestion?
	no	no	yes

Health Hazards (Acute and Chronic): The health effects of quaternary ammonium compounds have not been adequately investigated. However, the manufacturer is unaware of any untoward health effects associated with exposure to low levels of quats. Some individuals may be sensitive.

Carcinogenicity?	*NTP?*	*IARC Monographs?*	*OSHA Regulated*
no	no	no	no

Signs and Symptoms Of Exposure: The manufacturer is unaware of any unusual health effects from this product.
Medical Conditions Generally Aggravates By Exposure: The manufacturer is unaware of any.
Emergency And First Aid Procedures: In case of eye contact, flush with water for at least 15 minutes and get medical attention if irritation persists. In case of skin contact, remove contaminated clothing and flush with water. get medical attention if irritation persists. In case of ingestion do not induce vomiting if patient is unconscious or extremely drowsy. Otherwise administer 2 glasses of water and induce vomiting. Get immediate medical attention even if symptoms improve.

Section VII - Precautions For Safe Handling And Use

Steps To Be Taken In Case Of Spill Or Release: Absorb with a suitable absorbent (such as paper towels) and dispose.
Waste Disposal Method: Usually not restricted but local ordinances vary. Insure compliance with all government regulations.

Section VIII - Control Measures

respiratory Protection: Not required
Ventilation: Ordinary general ventilation is usually sufficient.
Protective Gloves: Not required.
Eye Protection: Not required but laboratory safety goggles or similar products are recommended as part of good laboratory practice.
Other protective Clothing Or Equipment: Not required.
Work/hygienic Practices: Wash well after handling, especially before eating or smoking.